

Claims

1. An N-Hydroxy-4-{5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine 2 methanesulfonic acid salt.

5           2. A method of preparing an N-Hydroxy-4-{5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine 2 methanesulfonic acid salt, comprising reacting N-Hydroxy-4-{5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine and 10 methanesulfonic acid in an inert solvent.

3. A pharmaceutical composition for preventing and treating osteoporosis, comprising an N-hydroxy-4-{5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine 2 methanesulfonic acid salt 15 and a pharmaceutically acceptable carrier.

4. A pharmaceutical composition for treating bone fractures, comprising an N-hydroxy-4-{5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine 2 methanesulfonic acid salt and a pharmaceutically acceptable 20 carrier.

5. A pharmaceutical composition for preventing and treating allergic inflammatory diseases, comprising an N-

hydroxy-4- {5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine 2 methanesulfonic acid salt and a pharmaceutically acceptable carrier.

6. An oral formulation comprising an N-hydroxy-4- {5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy} benzamidine 2 methanesulfonic acid salt, along with (a) a carbonate selected from the group consisting of alkali metal carbonate, alkali metal bicarbonate and alkaline earth metal carbonate; (b) a disintegrant selected from the group consisting of sodium starch glycolate, calcium carmellose and sodium croscarmellose; or a combination of (a) and (b).

7. The oral formulation as set forth in claim 6, further comprising an inorganic excipient.

8. The oral formulation as set forth in claim 7, wherein the inorganic excipient is calcium biphosphate, calcium phosphate, heavy magnesium oxide, precipitated calcium carbonate, magnesium carbonate, or a mixture thereof.

9. The oral formulation as set forth in any one of claims 6 to 8, wherein the carbonate is sodium bicarbonate or calcium carbonate, and the disintegrant is sodium starch glycolate or sodium croscarmellose.